

**RU2115246**

**ENGLISH ABSTRACT**

(11) Number of the patent document **2115246**  
(13) Kind of document **C1**  
(14) Document date **1998.07.10**  
(19) Publishing country or organization **RU**  
(21) Application number registered **97105517/09**  
(22) Application filing date **1997.04.07**  
(45) Date **1998.07.10**  
(516) Edition of IPC **6**  
(51) Main classification IPC **H04J3/17**

**Title METHOD OF TRANSMISSION OF DATA PACKS IN GENERAL- PURPOSE COMMUNICATION CHANNEL AND CONTROL DEVICE**

(71) Applicant information **Voennaja akademija svjazi**  
(72) Inventor information **Kolesnikov V.B.**  
(72) Inventor information **Sharov A.N.**  
(73) Grantee (assignee) information **Voennaja akademija svjaz**

**ABSTRACT:**

FIELD: communication, applicable in radio communication networks with pack switching. SUBSTANCE: after check-out of condition of general-purpose communication channel data pack priority pulses are formed at duration  $\Delta_{T_{j1}}$ , where  $l \in \{1, 2, \dots, L\}$ ,  $l$  - number of data pack priority,  $L$  - number of the lowest data pack priority, and  $j$  - number of pack radio communication installation,  $\Delta_{T_{j1}} > \dots > \Delta_{T_{jl}} > \dots > \Delta_{T_{jk}}$  and  $0 < T_j < T_r$ , where  $T$  - duration of operating cycle of communication channel, at the same time a random pulse with a duration of  $\Delta_{t_c}$  is generated with equiprobable law of its distribution in time interval  $[0, T]$ , and if condition  $\Delta_{t_c} \in [0, T]$  is fulfilled, an enabling signal is generated, otherwise the actions in formation of enabling signal are repeated in the next clock of operation of communication channel. EFFECT: enhanced capacity of general-purpose communication channel at transmission of data packs with different categories of urgency in conditions of high information load. 4 cl, 14 dwg